

REMARKS

The Examiner has issued an Office Action requiring three different species election. Applicants respectfully traverse this rejection and respectfully request that all species be examined in this application.

The first species election is :

- I. First Embodiment: specifically claim 12;
- II. Second Embodiment: specifically claim 14 (Algorithm B);
- III. Third Embodiment : specifically claim 16 (Algorithm C);
- IV. Fourth Embodiment: specifically claim 17 (Algorithm D);
- V. Fifth Embodiment : specifically claims 18-21; and
- VI. Sixth Embodiment: specifically claim 23.

In response to this, applicants elect the species of the first embodiment; specifically claim 12. The claims that read on this species are claims 1-9, 13-15, 19 and 22-32.

In regard to the second election, applicants elect Group III - detecting or genotyping somatic mutations of claim 28. Claims 1-32 read on this species.

In response to the third election applicants elect polynucleotides sequenced of claim 30. Claims 1-32 read on this species.

Applicants submit that the application is in condition for allowance and favorable consideration is favorably requested.

Respectfully submitted,



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